

**PCT REQUEST**

Original (for SUBMISSION )

0	<b>For receiving Office use only</b>	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	<b>Form PCT/RO/101 PCT Request</b>	
0-4-1	Prepared Using	<b>PCT-SAFE [EASY mode] Version 3.50 (Build 0002.163)</b>
0-5	<b>Petition</b>  The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	<b>Receiving Office (specified by the applicant)</b>	<b>United Kingdom Patent Office (RO/GB)</b>
0-7	<b>Applicant's or agent's file reference</b>	<b>XA1822</b>
1	<b>Title of Invention</b>	<b>DETECTION OF AN ELECTROMAGNETIC SIGNAL</b>
II	<b>Applicant</b>	
II-1	This person is	<b>applicant only</b>
II-2	Applicant for	<b>all designated States except US</b>
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IV-1	Agent or common representative; or address for correspondence	
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
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V	<b>DESIGNATIONS</b>	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	05 November 2003 (05.11.2003)
VI-1-2	Number	0325785.4
VI-1-3	Country	GB

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VI-2	Priority document request The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	7	✓
IX-2	Description	10	-
IX-3	Claims	4	-
IX-4	Abstract	1	✓
IX-5	Drawings	3	-
IX-7	TOTAL	25	
IX-8	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-11	Fee calculation sheet	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-18	other	GB PF23/77	
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	<i>Debra Lewis</i>	
X-1-1	Name (LAST, First)	LEWIS, Debra Louise	
X-1-2	Name of signatory		
X-1-3	Capacity		

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13-2-3	Validation messages Names	Green? Applicant 1:Street address missing
13-2-7	Validation messages Contents	Green? Reference number for attached copy of general power of attorney not indicated.
13-2-9	Validation messages Payment	Green? Please ensure that you have a valid deposit account with the receiving Office selected.

A signal detector system comprises a single signal detector having a limited on-time during which any received electromagnetic signal can be assessed. The signal detector receives electromagnetic signals from a single direction in space through a single optical fibre, a signal splitter which splits the collected signal between three optical paths, and a signal combiner which combines the portions of the signal transmitted by the three optical paths and transmits the combined signal to a signal detector input. Each of the optical paths includes a respective optical delay designed to delay transmission of any received signal towards the signal detector. In this manner the signal detector will receive any signals that arrived at the optical fibre during three separate periods of time.

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